

## **ABSTRACT**

### **Genotoxicity Testing**

A recombinant vector comprises a recombinant DNA molecule comprising a DNA sequence that encodes a light emitting reporter protein. The DNA sequence is operatively linked to a regulatory element arranged to activate expression of the DNA sequence in response to DNA damage. When used to transform a cell, the vector does not substantially alter the sensitivity of the cell to genotoxicin, when compared to the sensitivity of the cell which has not been transformed with the vector.

[Figure 15]